
Programme

of the Twenty-first



Provincial Dairy Convention Alberta



To be held under the Joint Auspices of the Department of Agriculture and
The Alberta Dairymen's Association

In the Auditorium of the
MACDONALD HOTEL,
EDMONTON, ALBERTA

TUESDAY, WEDNESDAY
AND THURSDAY
JANUARY 26th, 27th and 28th, 1926

Printed by Direction of Hon. Geo. Hoadley, Minister of Agriculture.

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CONVENTION COMMITTEES:

General—Chairman, W. W. PREVEY; C. P. MARKER, H. RUTTER, S. G. CARLYLE, F. J. GEARY, J. P. DONALD, C. E. CHRISTENSEN, F. C. WELLS, NORMAN S. CLARKE, D. J. CHRISTIE, A. JOHNSTON, E. T. LOVE.

Convention Secretary - F. J. REYNOLDS

Entertainment and Finance—F. C. WELLS, Chairman; N. P. McCORMACK, F. J. SMITH, R. M. SHEPHERD, C. P. RHODES, A. ISAAC, A. S. DUCLOS.

Reception and Transportation—H. P. MADSEN, Chairman; W. J. EMPEY, J. P. DONALD, H. SHIPLET, A. JOHNSTON.

Programme and Publicity—C. P. MARKER, Chairman; D. J. CHRISTIE, W. W. PREVEY, C. E. CHRISTENSEN, N. S. CLARKE, J. W. HOSFORD, F. J. REYNOLDS, E. T. LOVE.

Boys' and Girls' Work—L. B. THOMSON, Chairman; W. W. PREVEY, D. J. CHRISTIE, F. J. GEARY.

OFFICERS OF THE ALBERTA DAIRYMEN'S ASSOCIATION

President - W. W. PREVEY, Edmonton Vice-President - D. J. CHRISTIE, Edmonton South
Secretary-Treasurer - E. T. LOVE, Edmonton

Directors:

F. C. WELLS, Edmonton THOS. NOBLE, Daysland J. W. SKELLY, Calgary
NORMAN CLARKE, Didsbury A. A. DUNKLEY, Olds

PRODUCERS' SECTION:

Chairman—D. J. CHRISTIE, Edmonton South Vice-Chairman—E. R. RASMUSSEN, Wetaskiwin
Secretary-Treasurer—THOS. NOBLE, Daysland

Directors:

H. E. SHENFIELD, Bowden W. LAMB, Lethbridge KEYS CULLEN, Calgary J. W. HOSFORD, Edmonton South

MANUFACTURERS' SECTION

Chairman - F. C. WELLS, Edmonton Vice-Chairman - J. W. SKELLY, Calgary
Secretary-Treasurer - E. T. LOVE, Edmonton

Committee:

P. PALLESEN, Calgary W. W. PREVEY, Edmonton

BUTTER, CHEESE AND ICE CREAM MAKERS' SECTION:

Chairman - A. A. DUNKEY, Olds Vice-Chairman - ROY MALTMAN, Calgary
Secretary-Treasurer - W. H. JACKSON, Innisfail

Committee:

W. HANSEN, Lacombe W. P. ENSCH, St. Paul de Metis

NATIONAL DAIRY COUNCIL:

Producers' Representative—D. J. CHRISTIE, Edmonton South.
Alternative—E. R. RASMUSSEN, Wetaskiwin.
Manufacturers' Representative—E. T. LOVE, Edmonton.
Alternative—W. W. PREVEY, Edmonton.

DONORS OF PRIZES IN THE BUTTER AND CHEESE CLASSES
AT THIS CONVENTION

The Department of Agriculture, Alberta.

P. Burns & Company, Limited, Calgary.

The Alberta Dairymen's Association.

The De Laval Co., Ltd., Winnipeg.

Note.—Several "Inter-Provincial" Contests, open to buttermakers in the Provinces of Manitoba, Saskatchewan, Alberta and British Columbia, will be judged at the Saskatchewan Dairy Convention, Regina, February 2nd, 3rd and 4th, and at the Western Canada Dairy Convention, Winnipeg, February 9th to 12th, 1926. The details of these have been announced.

PROGRAMME



GIRLS' AND BOYS' JUDGING COMPETITIONS

TUESDAY, JANUARY 26th, 1926

9:30 a.m. Dairy Cattle Judging Competition, at the Department of Animal Husbandry, University of Alberta.



WEDNESDAY, JANUARY 27th, 1926

9:30 a.m. Girls' and Boys' Dairy Demonstration, at the Macdonald Hotel, when the work of the several teams will be judged.

TUESDAY, JANUARY 26th, 1926



PRODUCERS' SECTION OF THE ALBERTA DAIRYMEN'S ASSOCIATION

- 10:00 a.m. Report of Chairman-----D. J. Christie, Strathcona.
Report of Secretary -----Thos. Noble, Daysland.
General Business and Election of Officers.
- 11:15 a.m. Address -----C. P. Marker, *Dairy Commissioner*.
- 11:45 a.m. "Cow Testing Work" -----A. G. Moore, *Dairy Promoter, Dominion Dept. of Agriculture*.
- 1:30 p.m. Adjourn until 5 p.m. for Annual Meeting of the Alberta Co-operative Dairy Producers, Limited.
- 5:00 p.m. Address on "Marketing of Dairy Products."

TUESDAY, JANUARY 26th, 1926

MANUFACTURERS' SECTION OF THE ALBERTA DAIRYMEN'S ASSOCIATION

- 10:00 a.m. General Business and Election of Officers for the ensuing year.

TUESDAY, JANUARY 26th, 1926

BUTTER, CHEESE AND ICE CREAM MAKERS' SECTION

- 9:30 a.m. Butter and Cheese Judging Contests, at the University of Alberta, Dept. of Dairying (138 South Laboratory Bldg.). Score Standards, with typical samples, and Plan of Contest.
- 10:00 a.m. Commence Judging Contests.
- 10:30 a.m. Finish Judging. Commence Composition Test of Butter.
- 11:00 a.m. Finish Test and hand in Report.
Further busines of Section, to be announced.

(AFTERNOON PROGRAM AT THE MACDONALD HOTEL)

- 2:00 p.m.—Address (followed by discussion) ----- C. P. Marker, *Dairy Commissioner*.
- 3:00 p.m. General Business and Election of Officers for ensuing year.
- 4:00 p.m. Meeting of newly elected Executive.

TUESDAY EVENING, JANUARY 26th, 1926

Chairman—H. A. Craig.

JOINT MEETING OF ALL SECTIONS

- 8:00 p.m. Appointment of Resolutions Committee.
- “A Wider Outlook” ----- Dean E. A. Howes, *University of Alberta*.
- Address ----- Hon. Geo. Hoadley, *Minister of Agriculture*.

WEDNESDAY MORNING, JANUARY 27th, 1926

Chairman—W. W. Prevey, President A.D.A.

- 9:30 a.m. Annual General Meeting of the Alberta Dairymen's Association.
- 10:30 a.m. Address -----H. A. Craig, *Deputy Minister of Agriculture.*
- 11:00 a.m. "Grading of Creamery Butter, 1925"-----Jos. Burgess, *Chief of Division of Dairy Produce, Ottawa.*
- 11:30 a.m. Address and Report on Convention Exhibits—L. A. Gibson, *Dairy Commissioner for Manitoba.*

WEDNESDAY AFTERNOON, JANUARY 27th, 1926

Chairman—N. S. Clarke.

- 2:00 p.m. "Growing of Fodder Crops, with Special Reference to Dairymen's Requirements"—Prof. J. R. Fryer,
Dept. of Field Husbandry, University of Alberta.
S. G. Carlyle, *Provincial Live Stock Commissioner*, will lead in the discussion of this subject.
- 3:00 p.m. "The Grading Principle in Dairy Herd Management"-----Prof. J. P. Sackville, *Dept. of Animal
Husbandry, University of Alberta.*
- 4:00 p.m. "The Caramel or Burnt Flavor in Dairy Products"-----Prof. Wilfred Sadler, *University of British
Columbia.*

WEDNESDAY EVENING, JANUARY 27th, 1926

- 6:30 p.m. Annual Convention Dinner-----Toastmaster, Dean E. A. Howes, *University of Alberta.*
Dancing.

THURSDAY MORNING, JANUARY 28th, 1926

- 9:30 a.m. "Dairy Demonstration", by the winning team in the Girls' and Boys' Competitions.
- "The Work of the National Dairy Council in 1925"--D'Arcy Scott, *Secretary and General Counsel, Ottawa.*
- "Our British Markets"-----W. A. Wilson, *Canada's Agricultural Products Representative, London, England.*



THURSDAY AFTERNOON, JANUARY 28th, 1926

- 2:00 p.m. "Research Work in Dairying"-----Dr. E. G. Hood, *Chief, Division of Dairy Research, Ottawa.*
- "Transportation and Marketing of Creamery Butter during 1925"-----J. F. Singleton, *Chief, Division of Dairy Markets and Cold Storage, Ottawa.*
- "Notes on Alberta's Dairy Industry"-----C. P. Marker, *Dairy Commissioner.*
- Unfinished Business.

Memorandum of Contests for Buttermakers



Judges—Jos. Burgess and L. A. Gibson.

1. THE CONVENTION CREAMERY BUTTER EXHIBIT—This exhibit consists of a 14-lb. box of butter, solid pack, put up in each of the months of May, June, July, August, September and October.

PRIZES:

The Burns Challenge Trophy, with cash prizes of \$25.00 and \$15.00, presented by Messrs. P. Burns & Co., Ltd., Calgary.

The De Laval Alberta Provincial Special, \$125.00 in cash, divided into seven prizes, presented by the De Laval Co., Ltd., as follows:

First Prize---	\$27.00	Fifth Prize ----	\$15.00
Second Prize_	23.00	Sixth Prize ----	13.00
Third Prize--	19.00	Seventh Prize----	11.00
Fourth Prize_	17.00		

2. CANADA-WIDE CREAMERY BUTTER CONTEST, will be held under the auspices of the Alberta Dairymen's Association. The exhibit consists of one 14-lb. box of butter, solid pack, shipped between the fifteenth and thirtieth day of November, and one 14-lb. box of butter, solid pack, shipped between the fifteenth and thirty-first day of December, 1925.

PRIZES:

The sum of \$250.00 in cash will be awarded to the exhibitors in this class as follows:

FIRST PRIZE on all exhibits scoring 42 points and over for flavor and a total of not less than 96.5 points.

SECOND PRIZE on all exhibits scoring 41.5 to 41.9 points for flavor and a total of not less than 96 points.

THIRD PRIZE on all exhibits scoring 41.0 to 41.4 points for flavor and a total of not less than 95 points.

PROVIDED, that the Executive Committee may, upon the written recommendation of the Judge or Judges of the butter, authorize a uniform increase or reduction, as the case may be, of up to one-half point in

the minimum scores ordinarily required to qualify for standing and prizes in each group.

3. THE CREAMERY BUTTER EXHIBITORS' CONTEST—Open to Alberta buttermakers who exhibited creamery butter at the exhibitions held during 1925 at Calgary, Edmonton, Regina, Brandon, Vancouver, Toronto, Ottawa, London, New Westminster, Victoria, and the Royal Winter Fair, Toronto.
4. BUTTER JUDGING CONTEST—Free for all. (See Programme).

1. The Judging will be done upon an individual basis, and each contestant will draw a numbered ballot which will be the key to the series of packages that he will score.
2. Each person participating will score ten packages of creamery butter and will be given three minutes' time for each—thirty minutes in all.
3. Groups of five each are then made up according to numbers drawn and each group will be invited to make a composition test of a sample of butter by the modified Kohmann method, as follows: The person holding the lowest number in a group will weigh the sample for analysis; the person holding the next highest number will evaporate, and determine the percentage of, its moisture contents; the next in order will determine the percentage of butterfat in the sample; the fourth will titrate for salt contents and the fifth will record the particulars, calculate

the remaining solids of the sample and complete the statement, which will afterwards be signed by all the members of the group and handed to the official in charge. The results of the several operations done by the members of each group will be credited equally to them all, hence, any errors that may be made will be chargeable to them all. Thirty minutes' time will be allowed for the completion of the composition test.

PRIZES:

The Alberta Dairymen's Association will provide the prizes in this Contest, consisting of books to the value of \$75.00. Copies of the following valuable works will be presented: "The Butter Industry", by Prof. O. F. Hunziker; "The Principles and Practice of Buttermaking", by McKay and Larsen, and "The Proceedings of the World's Dairy Congress, 1923", in two volumes.

Memorandum of Contest for Cheesemakers



1. THE CONVENTION CHEESE EXHIBIT.

CLASS 1.—One Large Export Cheddar-----	\$10.00	\$ 8.00	\$7.00
CLASS 2.—“Twins” or “Triplets” -----	10.00	8.00	7.00
CLASS 3.—Collection of Cheese other than the foregoing -----	15.00	10.00	

This Contest is open to cheese factories in Alberta, and all Exhibits in Class 1 shall have been made prior to November 15th, 1925.

2. CHEESE JUDGING CONTEST.

(See Programme for Tuesday morning, at University of Alberta, Department of Dairying.)

The Alberta Dairymen's Association will award prizes in this Contest, consisting of standard works on The Principles and Practice of Cheese Making.

TABLE 1.—GRADING OF CREAM BY PROVINCIAL CREAM GRADING SERVICE, ALBERTA

	1922	1923	1924	1925
Lbs. Cream Graded -----	30,778,344	41,824,366	49,612,861	41,758,535
Lbs. Butterfat -----	10,185,277	13,713,758	16,518,954	14,019,009
Average Fat Test -----	33.1 per cent.	32.8 per cent.	33.3 per cent.	33.6 per cent.
Table Cream -----	2.3 per cent.	4.1 per cent.	3.3 per cent.	1.7 per cent.
Special Grade -----	32.4 per cent.	39.1 per cent.	42.3 per cent.	39.0 per cent.
First Grade -----	37.3 per cent.	40.5 per cent.	43.2 per cent.	47.1 per cent.
Second Grade -----	27.2 per cent.	16.1 per cent.	11.0 per cent.	12.0 per cent.
Off Grade -----	.8 per cent.	.2 per cent.	.2 per cent.	.2 per cent.

Department of Agriculture,
Dairy Commissioner's Office,
Edmonton, January 15th, 1926.

TABLE II.—GRADING OF CREAMERY BUTTER, ALBERTA, 1915-1925

Year	Creamery Butter Manufactured Pounds	Average Selling Price	Pounds	Creamery Butter Graded by Department of Agriculture Percentage in Each Grade			
				Special Grade	First Grade	Second Grade	Off Grade
1915 -----	7,544,148	26.79 _c	3,600,900	33.0	39.7	24.3	3.0
1916 -----	8,521,784	30.74	4,214,312	43.9	41.7	12.9	1.5
1917 -----	8,944,171	38.17	4,644,646	56.3	36.3	6.7	.7
1918 -----	9,053,237	44.47	5,427,134	50.4	38.6	10.3	.5
1919 -----	11,822,890	51.87	6,830,308	29.7	50.8	18.9	.6
1920 -----	11,821,291	55.45	6,120,325	19.0	55.6	24.7	.7
1921 -----	13,048,493	34.82	5,954,991	7.7	66.7	24.7	.9
1922 -----	15,417,070	33.25	7,264,219	27.5	55.0	16.3	1.2
1923 -----	17,868,853	32.97	10,776,318 (x)	21.6	64.7	12.6	1.1
1924 -----	22,339,857	31.60	14,954,581 (x)	19.9	66.8	12.3	1.0
1925 ----- Est.	19,500,000	35.25	11,896,613 (x)	18.0	68.3	12.1	1.6

(x) This figure includes butter given initial grading for Federal Grading Certificates.

Department of Agriculture,
Dairy Commissioner's Office,
Edmonton, January 15th, 1926.

TABLE III.—CREAMERY BUTTER
PRODUCTION IN ALBERTA

Year	Creameries	Lbs. of Butter	Selling Value	c. per lb.
1906	42	1,960,356	\$ 415 800	(21.21)
1907	45	1,487,924	350,000	(23.52)
1908	51	2,097,394	526,800	(25.12)
1909	54	2,476,975	600,000	(24.22)
1910	60	2 238,078	575,000	(25.69)
1911	56	2,543,368	635,000	(24.97)
1912	53	3 010,755	823,500	(27.35)
1913	49	4,115,537	1,090,475	(26.50)
1914	46	5,444,806	1,417,000	(26.02)
1915	57	7,544,148	2,021,448	(26.79)
1916	57	8,521,784	2,619,248	(30.74)
1917	66	8,944 171	3,414,541	(38.18)
1918	56	9,053,237	4,025,851	(44.47)
1919	53	11,822,890	6,132,739	(51.87)
1920	53	11,821,291	6,555,509	(55.45)
1921	44	13 048,493	4,543,007	(34.82)
1922	54	15,417,070	5,126,843	(33.25)
1923	75	17,868,853	5,891,186	(32.97)
1924	89	22 339,857	7 059 630	(31.60)
1925	99 Est.	19,500,000	6,873,600	(35.25)

TABLE IV.—FACTORY CHEESE
PRODUCTION IN ALBERTA

Year	Factories Cheese	Cheese Lbs. of	Value	c. per lb.
1906	7	97,739	13,000	(13.3)
1907	8	197,911	27,000	(13.6)
1908	8	190,000	23,750	(12.5)
1909	11	224,000	28,000	(12.5)
1910	11	220,000	27,500	(12.5)
1911	8	100,000	14,000	(14.0)
1912	6	40,000	5,600	(14.0)
1913	7	70,716	5,900	(14.0)
1914	5	70 581	10,590	(15.0)
1915	13	381,832	68,441	(17.93)
1916	15	745,122	154,453	(20.73)
1917	20	1,274,905	280,185	(21.97)
1918	11	552,834	130,911	(23.68)
1919	10	520,530	145,161	(27.9)
1920	7	398,750	110,355	(27.7)
1921	10	930,660	200,478	(21.54)
1922	14	931,992	183,860	(19.73)
1923	13	1 865,608	368,771	(19.76)
1924	12	1 714 790	278,478	(16.24)
1925	14	1,375 000 Est.	278,400	(20.25)



Alberta

THE
WORLD MARKET.



GRADING - *The* KEY to the
WORLD'S BUTTER MARKET